



PORTION DESCRIPTIONS

FROM THE

JUNE 9, 1999

MINERAL LEASE SALE

STATE LEASE NO. 16450
EXHIBIT "A"

PORTION OF TRACT 31854 - St. Mary and Terrebonne Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in St. Mary and Terrebonne Parishes, Louisiana, within the following described boundaries: Beginning at the Northwest corner of State Lease No. 16361 having Coordinates of X = 2,024,934.42 and Y = 316,565.00; thence along the West boundary of said State Lease No. 16361 South 01 degrees 02 minutes 45 seconds East 3,662.85 feet to a point having Coordinates of X = 2,025,001.27 and Y = 312,902.76; thence West 1,750.23 feet to a point on the West line of the 10,700' RA SUD (Conservation Order No. 835, dated September 10, 1969 and Rev. October 9, 1969) having Coordinates of X = 2,023,251.04 and Y = 312,902.76; thence Northerly along the West line of the said 10,700' RA SUD to a point common to the 10,700' RA SUB (Conservation Order No. 835, dated September 10, 1969 and Rev. October 9, 1969); thence continue Northerly along said 10,700' RA SUB to a point of intersection with the West line of State Lease No. 16357 having Coordinates of X = 2,022,109.27 and Y = 317,147.37; thence South approximately 654 feet along the West boundary of said State Lease No. 16357 to its most Southwestern point, also being a point on the East bank of the Lower Atchafalaya River (also Cutoff Bayou); thence Northeasterly and Southeasterly along the boundaries of said State Lease No. 16357 to its intersection with State Lease No. 15652 having a Coordinate of X = 2,024,495.00; thence South approximately 703 feet along the West boundary of said State Lease No. 15652 and East 439.42 feet along the South boundary of said State Lease No. 15652 to the point of beginning, **LESS AND EXCEPT**, if any, that portion of State Lease Nos. 16357, 15652 and 16361 that may lie within the above described tract, containing approximately 8.85 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16451
EXHIBIT "A"

PORTION OF TRACT 31855 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,116,400.00 and Y = 240,384.00; thence West 2,400.00 feet to a point having Coordinates of X = 2,114,000.00 and Y = 240,384.00; thence North 700.00 feet to a point having Coordinates of X = 2,114,000.00 and Y = 241,084.00; thence East 2,400.00 feet to a point having Coordinates of X = 2,116,400.00 and Y = 241,084.00; thence South 700.00 feet to the point of beginning, containing approximately 38.57 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16452
EXHIBIT "A"

PORTION OF TRACT 31856 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,135,694.93 and Y = 253,468.71; thence South 89 degrees 07 minutes 56 seconds West 5,695.07 feet to a point having Coordinates of X = 2,130,000.51 and Y = 253382.46; thence South 00 degrees 55 minutes 21 seconds East 2,335.76 feet to a point having Coordinates of X = 2,130,038.12 and Y = 251,047.00; thence South 89 degrees 08 minutes 02 seconds West 5,097.03 feet to a point having Coordinates of X = 2,124,941.67 and Y = 250,969.95; thence North 00 degrees 54 minutes 05 seconds West 2,336.40 feet to a point on the South line of State Lease No. 3475, as amended, having Coordinates of X = 2,124,904.91 and Y = 253,306.08; thence North 89 degrees 08 minutes 28 seconds East 3,007.67 feet along the Southern boundary of said State Lease No. 3475 to its Southeast corner; thence North 01 degrees 00 minutes 41 seconds West 4,455.61 feet to the most Southerly Southeast corner of State Lease No. 12105, as amended, having Coordinates of X = 2,127,833.59 and Y = 257,806.08; thence Northeasterly along the Eastern boundary of said State Lease No. 12105 to a point having Coordinates of X = 2,128,374.67 and Y = 258,638.67; thence North 89 degrees 08 minutes 28 seconds East 7,241.93 feet to a point having Coordinates of X = 2,135,615.79 and Y = 258,747.22; thence South 00 degrees 51 minutes 32 seconds East 5,279.10 feet to the point of beginning, containing approximately 142 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16453
EXHIBIT "A"

PORTION OF TRACT 31857 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,116,400.00 and Y = 240,384.00; thence North 700.00 feet to a point having Coordinates of X = 2,116,400.00 and Y = 241,084.00; thence East 5,000.00 feet to a point having Coordinates of X = 2,121,400.00 and Y = 241,084.00; thence South 700.00 feet to a point having Coordinates of X = 2,121,400.00 and Y = 240,384.00; thence West 5,000.00 feet to the point of beginning, containing approximately 80.35 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16454
EXHIBIT "A"

PORTION OF TRACT 31858 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,116,400.00 and Y = 240,384.00; thence South 2,700.00 feet to a point having Coordinates of X = 2,116,400.00 and Y = 237,684.00; thence West 2,400.00 feet to a point having Coordinates of X = 2,114,000.00 and Y = 237,684.00; thence North 2,700.00 feet to a point having Coordinates of X = 2,114,000.00 and Y = 240,384.00; thence East 2,400.00 feet to the point of beginning, containing approximately 148.76 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16455
EXHIBIT "A"

PORTION OF TRACT 31859 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,116,400.00 and Y = 240,384.00; thence East 5,000.00 feet to a point having Coordinates of X = 2,121,400.00 and Y = 240,384.00; thence South 2,700.00 feet to a point having Coordinates 2,121,400.00 and Y = 237,684.00; thence West 5,000.00 feet to a point having Coordinates of X = 2,116,400.00 and Y = 237,684.00; thence North 2,700.00 feet to the point of beginning, containing approximately 309.92 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

8

STATE LEASE NO. 16458
EXHIBIT "A"

PORTION OF TRACT 31872 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,525,636.71 and Y = 382,890.00; thence South 4,450.00 feet to a point having Coordinates of X = 2,525,636.71 and Y = 378,440.00; thence West approximately 3,185 feet to a point on the East boundary of State Lease No. 335, as amended, having a Coordinate of Y = 378,440.00; thence Northerly approximately 4,450 feet along the East boundary of said State Lease No. 335 to a point having a Coordinate of Y = 382,890.00; thence East approximately 3,247 feet to the point of beginning, **LESS AND EXCEPT** any portion of State Lease No. 335, as amended, that may lie within the above described tract, containing approximately **26 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16459
EXHIBIT "A"

PORTION OF TRACT 31881 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,544,716.47 and Y = 348,870.11; thence South 3,000.00 feet to a point having Coordinates of X = 2,544,716.47 and Y = 345,870.11; thence North 61 degrees 17 minutes 39 seconds West 4,788.53 feet to a point having Coordinates of X = 2,540,516.47 and Y = 348,170.11; thence North 700.00 feet to a point having Coordinates of X = 2,540,516.47 and Y = 348,870.11; thence East 4,200.00 feet to the point of beginning, containing approximately 133 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16460
EXHIBIT "A"

PORTION OF TRACT 31882 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,547,450.00 and Y = 348,700.00; thence East 4,817.00 feet to a point having Coordinates of X = 2,552,267.00 and Y = 348,700.00; thence South 17 degrees 52 minutes 33 seconds East 1,257.51 feet to a point having Coordinates of X = 2,552,653.00 and Y = 347,503.20; thence South 60 degrees 04 minutes 12 seconds East 1,440.05 feet to a point having Coordinates of X = 2,553,901.00 and Y = 346,784.70; thence South 1,190.90 feet to a point having Coordinates of X = 2,553,901.00 and Y = 345,593.80; thence South 52 degrees 09 minutes 55 seconds West 2,109.44 feet to a point having Coordinates of X = 2,552,235.00 and Y = 344,299.90; thence North 79 degrees 07 minutes 46 seconds West 4,872.43 feet to a point having Coordinates of X = 2,547,450.00 and Y = 345,218.80; thence North 3,481.20 feet to the point of beginning, containing approximately 472 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16461
EXHIBIT "A"

PORTION OF TRACT 31885 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on June 9, 1999, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,537,382.00 and Y = 332,815.00; thence North 6,450.00 feet to a point having Coordinates of X = 2,537,382.00 and Y = 339,265.00; thence East 5,000.00 feet to a point having Coordinates of X = 2,542,382.00 and Y = 339,265.00; thence South 2,800.00 feet to a point having Coordinates of X = 2,542,382.00 and Y = 336,465.00; thence South 26 degrees 52 minutes 41 seconds West 4,092.07 feet to a point having Coordinates of X = 2,540,532.00 and Y = 332,815.00; thence West 3,150.00 feet to the point of beginning, containing approximately 656 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE AGENCY LEASE NO. 16471
EXHIBIT "A"

PORTION OF TRACT 31904 - STATE AGENCY - Assumption and Lafourche Parishes, Louisiana

The State Mineral Board acting on behalf of the Assumption Parish School Board and the Lafourche Parish School Board, pursuant to Resolutions adopted by those bodies and in accordance with Louisiana Revised Statutes 30:121-136 and 151-156, as amended, and Article 12, Section 18 of the Louisiana Constitution of 1921, as amended, which by Section 16 (A) 9, and 16 (B) of Article XIV of the 1974 Constitution is continued as a statute subject to arrangement in proper statutory form or modification provided by law, advertises the following described lands not under mineral lease on June 9, 1999: All that portion of Section 16, Township 15 South, Range 14 East, located in Assumption Parish, Louisiana, said Township situated in Assumption and Lafourche Parishes, described as follows: Beginning at the Northwest corner of said Section 16; thence Easterly 1,750.00 feet along the North line of said Section 16; thence Southerly, parallel to the West line of said Section 16, 3,520.00 feet; thence Westerly, parallel to the North line of said Section 16, 1,750.00 feet to a point on the West line of said Section 16; thence Northerly 3,520.00 feet along the West line of said Section 16 to the point of beginning, excluding beds and bottoms of all navigable waters located in said Section 16, containing approximately 141.4 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources.

NOTE: "Lessors acknowledge that said Township 15 South, Range 14 East, is located 94.40% in the Parish of Assumption and 5.60% in the Parish of Lafourche; and Lessee is authorized and directed to pay any and all rentals and royalties which may accrue under the terms of this lease to Lessors separately and in the following proportions: Assumption Parish School Board - 94.40% and Lafourche Parish School Board - 5.60%" and "prospective bidders are hereby placed on notice that execution by the State Mineral Board of oil, gas and mineral lease on behalf of the Assumption Parish School Board and the Lafourche Parish School Board on the above described portion of section shall not be construed as a waiver by the State Mineral Board of any rights that it may have to lease for and on behalf of the State of Louisiana any navigable water bottoms that might be included within said portion of said section."

NOTE: Lessors will accept not less than one-fourth (1/4) royalties on all minerals.

NOTE: The Lessee shall conduct its operations in such a manner as to reasonably minimize any interference with or disruption of Lessor's use of the surface of the leased property or its use by Lessor's Lessees of hunting, trapping and/or pasturage rights.

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.